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PTO/SB/01 (10\_00)

Approved for use through 10/31/2002. OMB 0651-0035

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

Declaration Submitted with Initial Filing       Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16(e)) required)  
OR

<b>Attorney Docket Number</b>		SIG000119
<b>First Named Inventor</b>		Roy L. Vargas
<b>COMPLETE IF KNOWN</b>		
<b>Application Number</b>		
<b>Filing Date</b>		
<b>Group Art Unit</b>		
<b>Examiner Name</b>		

**As a below named inventor, I hereby declare that:**

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**SYSTEM AND METHOD TO ESTABLISH AN ADJUSTABLE ON-CHIP IMPEDANCE**

the specification of which *(Title of the Invention)*

Is attached hereto

OR

was filed on (MM/DD/YYYY)    as United States Application Number or PCT International

Application Number    and was amended on (MM/DD/YYYY)    (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Applications Numbers(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached? YES	Certified Copy Attached? NO
			<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119 (e), 120, or 365 (c) of any U.S. or PCT application(s) listed below.

Application Numbers(s)	Filing Date (MM/DD/YYYY)	Additional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.
60/429,941	11/29/2002	<input type="checkbox"/>

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**DECLARATION - Utility or Design Patent Application**

Direct all correspondence to:		<input checked="" type="checkbox"/> Customer Number or Bar Code Label	34,399	OR <input type="checkbox"/> Correspondence address below
Name      Robert A. McLauchlan				
Address    P. O. Box 160727				
Address				
City      Austin		State     TX	ZIP      78716-0727	
Country    USA		Telephone (512) 228-3611		FAX
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.				
NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])		Family Name or Surname		
Roy L.		Vargas		
Inventor's Signature		Date 11/25/2003		
Residence: City    Austin		State    TX	Country    USA	Citizenship    US
Mailing Address    9101 Sommerland Way				
Mailing Address				
City      Austin		State     TX	ZIP      78749	Country    USA
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])		Family Name or Surname		
Inventor's Signature		Date		
Residence: City		State	Country	Citizenship
Mailing Address				
Mailing Address				
City		State	ZIP	Country
<input type="checkbox"/> Additional Inventors are being named on the _____ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.				

Please type a plus sign (+) inside this box  +Approved for use through 10/31/2002, OMB 0651-0035  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE**POWER OF ATTORNEY OR  
AUTHORIZATION OF AGENT**

Application Number	
Filing Date	
First Named Inventor	Roy L. Vargas
Group Art Unit	
Examiner Name	
Attorney Docket Number	SIG000119

I hereby appoint:

- Practitioners at Customer Number  
**OR**  
 Practitioner(s) named below:

34,399

*Place Customer  
Number Bar Code  
Label Here*

Name	Registration Number
Robert A. McLauchlan	44,924
Bruce E. Garlick	36,520
Timothy W. Markison	33,534
James A. Harrison	40,401

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

- The above-mentioned Customer Number.

OR

<input type="checkbox"/> Firm or Individual Name	Robert A. McLauchlan				
Address	P. O. Box 160727				
Address					
City	Austin	State	TX	Zip	78716-0727
Country	USA				
Telephone	(512) 228-3611	Fax			

I am the:

- Applicant/Inventor.  
 Assignee of record of the entire interest. See 37 CFR 3.71  
 Statement under 37 CFR 3.73(b) is enclosed (Form PTO/SB/96).

**SIGNATURE of Applicant or Assignee of Record**

Name	Roy L. Vargas	
Signature	<i>Roy L. Vargas</i>	
Date	11/25/2003	

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required.  
 Submit multiple forms if more than one signature is required, see below\*.

<input checked="" type="checkbox"/> Total of 1 forms are submitted.	SEND TO: Assistant Commissioner for Patents, Washington, DC 20231
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(Attorney Docket No. SIG000119 )

**ASSIGNMENT**

**WHEREAS**, the undersigned inventors, hereinafter called the "Assignors", have invented a new and useful invention entitled:

**SYSTEM AND METHOD TO ESTABLISH AN ADJUSTABLE ON-CHIP IMPEDANCE**

for which reference a full description is here made in an application for Letters Patent of the United States filed herewith.

**WHEREAS**, SigmaTel, Inc. , a USA company having a principal office and place of business at, 3815 S. Cap. of TX HWY Austin Texas 78704 hereinafter called the "Assignee", is desirous of acquiring the entire right, title and interest in and to said invention, the application above identified, and in, to and under Letters Patent which may be obtained for said invention, as hereinafter more fully set forth;

**NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN**, be it known that for valuable legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the Assignee, its successors and assigns, the entire right, title and interest in and to the invention and the application herein above identified, and all Letters Patents that may issue for the said invention, and all division, reissues, substitutions, continuations, and extensions thereof, to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns to the full end of the term for which any and all of said Letters Patents for the said invention may issue.

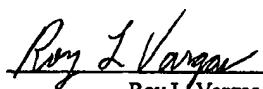
**FURTHER**, be it known that the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the Assignee, its successors and assigns, the entire foreign rights to the invention disclosed in said application, in all countries of the world, including the right to file applications and obtain patents under the terms of the International Convention, and further agrees to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

And the Assignors do hereby covenant and agree, for themselves and their legal representatives, that they will assist the Assignee in the prosecution of the application herein identified; in the making and prosecution of any other applications for Letters Patent that the Assignee may elect to make covering the invention herein identified, as herein before set forth, including any application for reissue, application for reexamination, application for foreign patent rights, or any proceeding in the United States Patent and Trademark Office affecting the invention, investing in the Assignee exclusive title in and to all such other applications and Letters Patent; and in the prosecution of any interference which may arise involving said invention, or any application or Letters Patents herein contemplated; that they will promptly execute and deliver to the Assignee any and all additional

papers and make all lawful oaths which may be requested by the Assignee to fully carry out the terms of this assignment; and further that they will communicate to Assignee, or to its successors, assigns, and legal representatives, and facts known respecting said invention, and at the expense of the Assignee, testify in any legal proceedings, and generally do everything possible to aid the Assignee, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

And the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all Letters Patent to the Assignee in accordance with the terms of the assignment.

**IN TESTIMONY WHEREOF**, the Assignors have hereunto set their hands on the date indicated below.



Roy L. Vargas

11/25/2003

date

date

date

date

date

date

**Correspondent Name and Address Area Code and Telephone Number**

(512) 228-3611

Name (line 1) Robert A. McLauchlan

Name (line 2)

Address P. O. Box 160727

Address	Austin	TX	78716-0727
	City	State/Country	Zip Code

**Pages** Enter the total number of pages of the attached conveyance document # **2**  
including any attachments.

**Application Number(s) or Patent Number(s)**  Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Application Numbers(s)****Patent Numbers**


If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)** PCT  PCT  PCT   
 Enter PCT application number only  
 if a U.S. Application Number  
 has not been assigned. PCT  PCT  PCT

**Number of Properties**

Enter the total number of properties involved.

# **1**

**Fee Amount** Fee Amount for Properties Listed (37 CFR 3.41): \$ **\$40.00**

**Method of Payment:** Enclosed  Deposit Account   
**D** posit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number # **50-1415**Authorization to charge additional fees: Yes  No **Statement and Signature**

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Robert A. McLauchlan

**11/25/2003**

Name of Person Signing

Signature

Date

FORM PTO-1619A  
expires 06/39/99  
omb 0651-0027

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

**TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).**

**Submission Type**

<input checked="" type="checkbox"/> New	<input type="checkbox"/> Resubmission (Non-Recordation)
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<input type="checkbox"/> Correction of PTO Error	<input type="checkbox"/> Reel # <input type="text"/>
<input type="checkbox"/> Corrective Document	<input type="checkbox"/> Frame # <input type="text"/>
<input type="checkbox"/> Reel # <input type="text"/>	<input type="checkbox"/> Frame # <input type="text"/>

**Conveyance Type**

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<input type="checkbox"/> License	<input type="checkbox"/> Change of Name
<input type="checkbox"/> Merger	<input type="checkbox"/> Other
<b>U.S. Government</b> (For Use ONLY by U.S. Government Agencies)	
<input type="checkbox"/> Department File	<input type="checkbox"/> Secret File

**Conveying Party(ies)**

Mark if additional name of conveying parties attached

Execution Date  
Month Day Year

Party 1	<input type="text"/> Roy L. Vargas
Party 2	<input type="text"/>
Party 3	<input type="text"/>
Party 4	<input type="text"/>
Party 5	<input type="text"/>
Party 6	<input type="text"/>

<input type="text"/>

**Receiving Party**

Mark if additional name of conveying parties attached

Name (line 1)	<input type="text"/> SigmaTel, Inc.		
Name (line 2)	<input type="text"/>		
Address	<input type="text"/> 3815 S. Cap. of TX HWY		
Address	<input type="text"/> Austin	<input type="text"/> Texas	<input type="text"/> 78704
	City	State/Country	Zip Code

If document to be recorded  
is an assignment and the  
receiving party is not  
domiciled in the United  
States, an appointment  
of a domestic  
representative is attached.  
(Designation must be a  
separate document from  
Assignment)

**Domestic Representative Name and Address**

Enter for the first Receiving Party Only

Name	<input type="text"/> Robert A. McLauchlan
Address (line 1)	<input type="text"/> P. O. Box 160727
Address (line 2)	<input type="text"/> Austin TX 78716-0727
Address (line 3)	<input type="text"/>
Address (line 4)	<input type="text"/>

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Mail documents to be recorded with required cover sheet(s) information to :  
Commissioner of Patents and Trademarks, Box Assignments, Washington, DC 20231